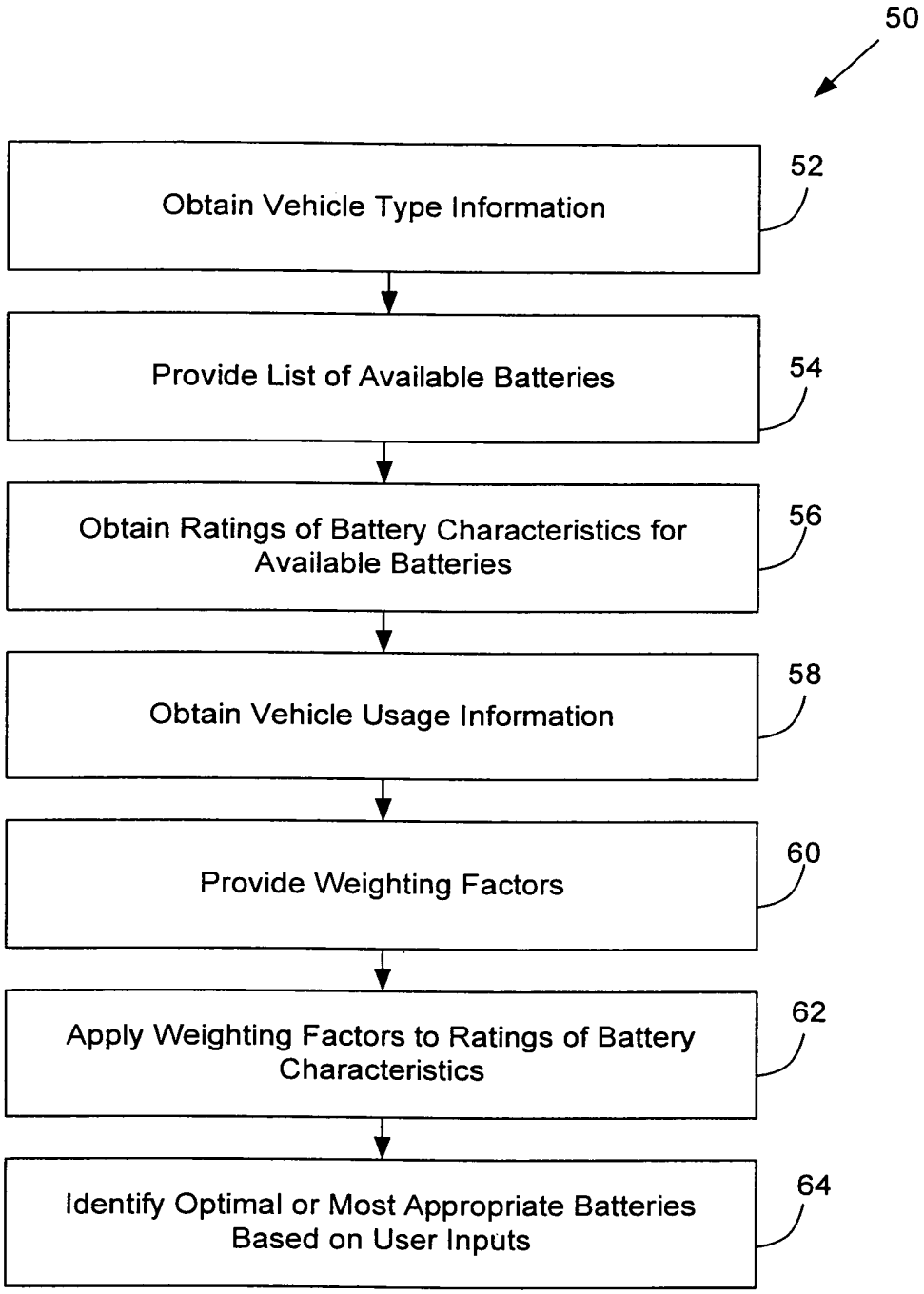
50
Obtain Vehicle Type Information
52
Provide List of Available Batteries
54
Obtain Ratings of Battery Characteristics for Available Batteries
56
Obtain Vehicle Usage Information
58
Provide Weighting Factors
60
Apply Weighting Factors to Ratings of Battery Characteristics
62
Identify Optimal or Most Appropriate Batteries Based on User Inputs
64

FIG. 1

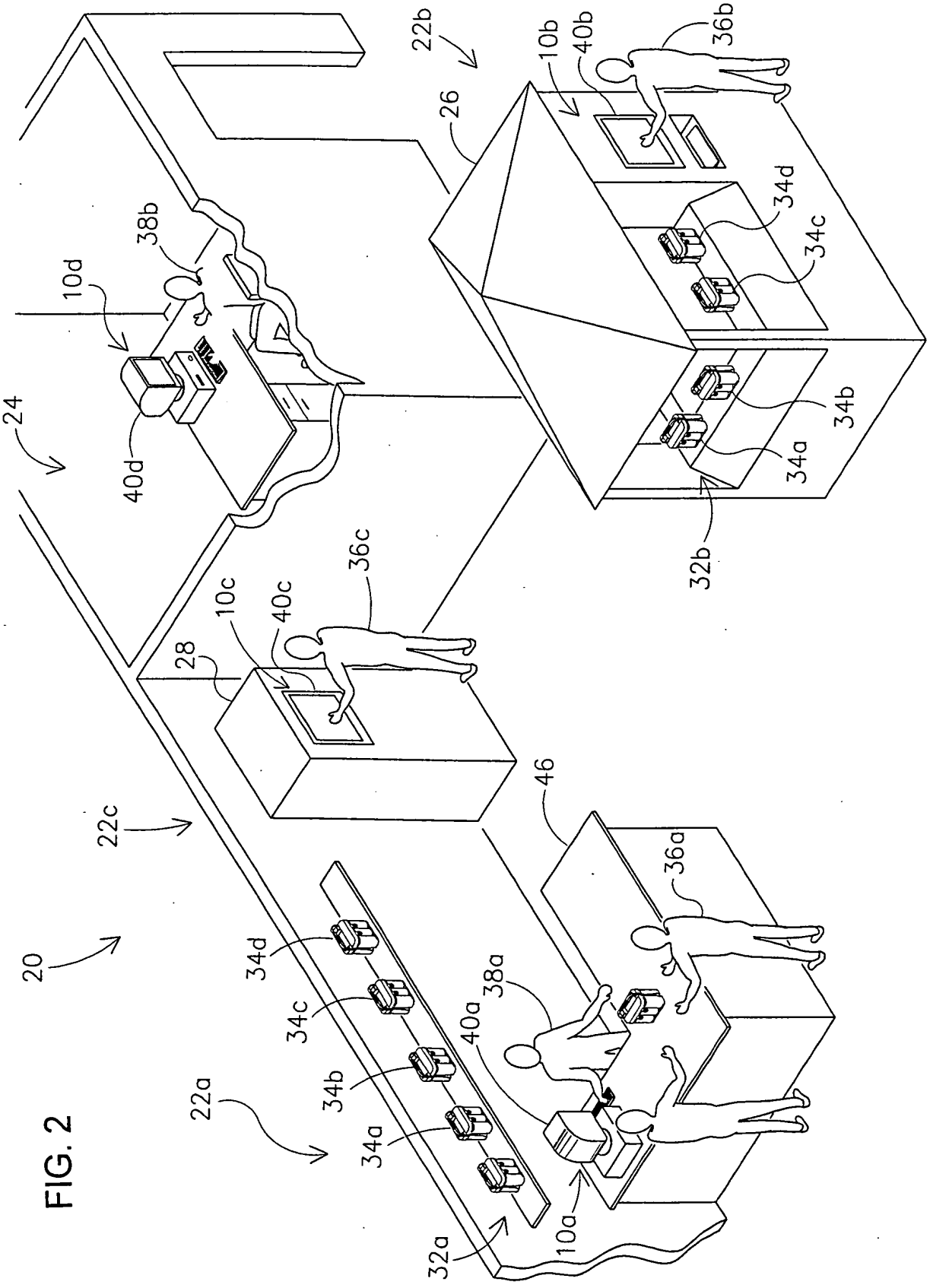
20
22a
22b
22c
24
26
28
32a
32b
34a
34b
34c
34d
36a
36b
36c
38a
38b
40a
40b
40c
40d
46
10a
10b
10c
10d

FIG. 2

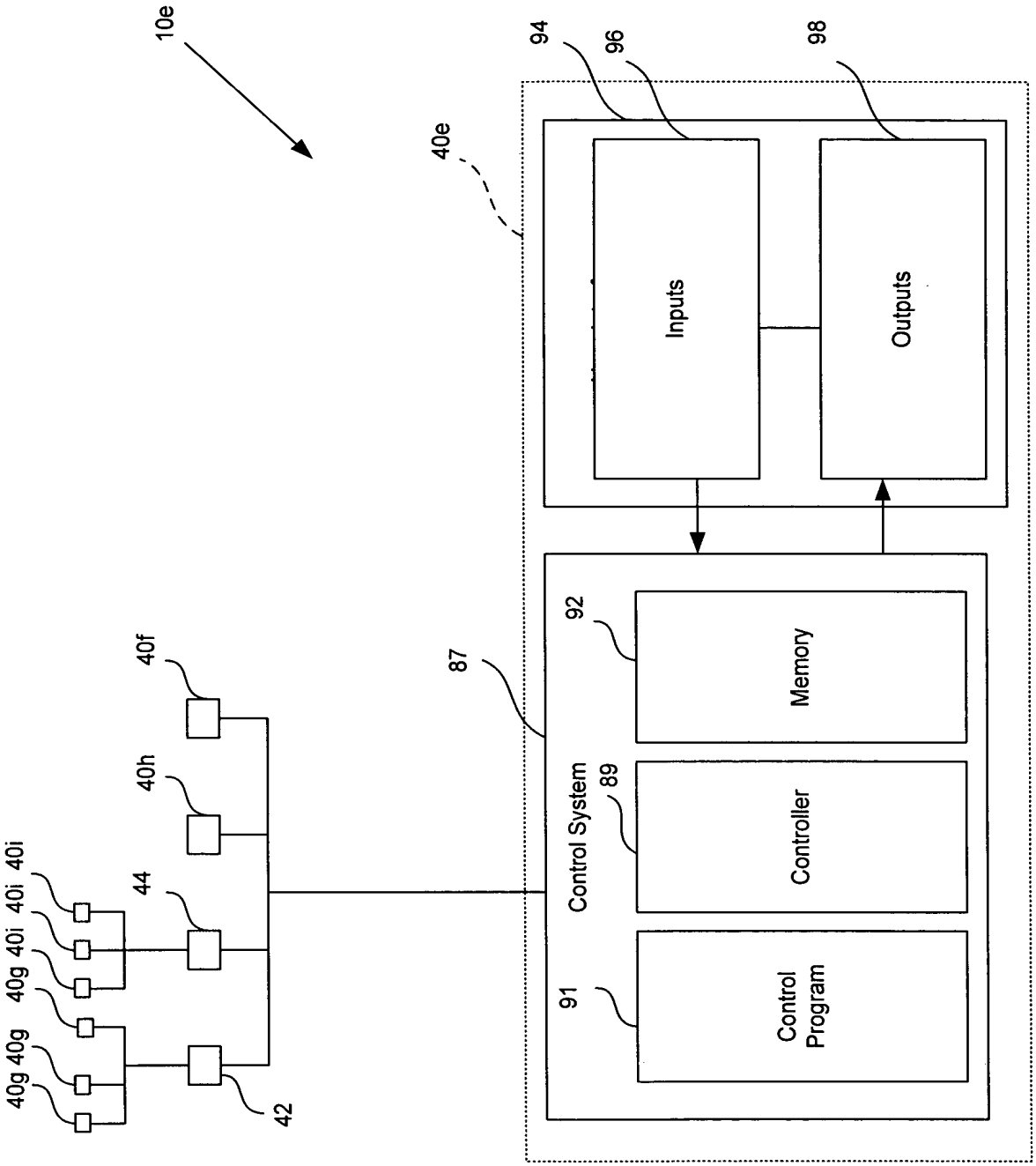
10e
94
96
98
40e
Inputs
Outputs
87
92
Memory
Control System
89
Controller
91
Control Program
40f
40h
44
40i
40i
40i
40g
40g
40g
42

FIG. 3

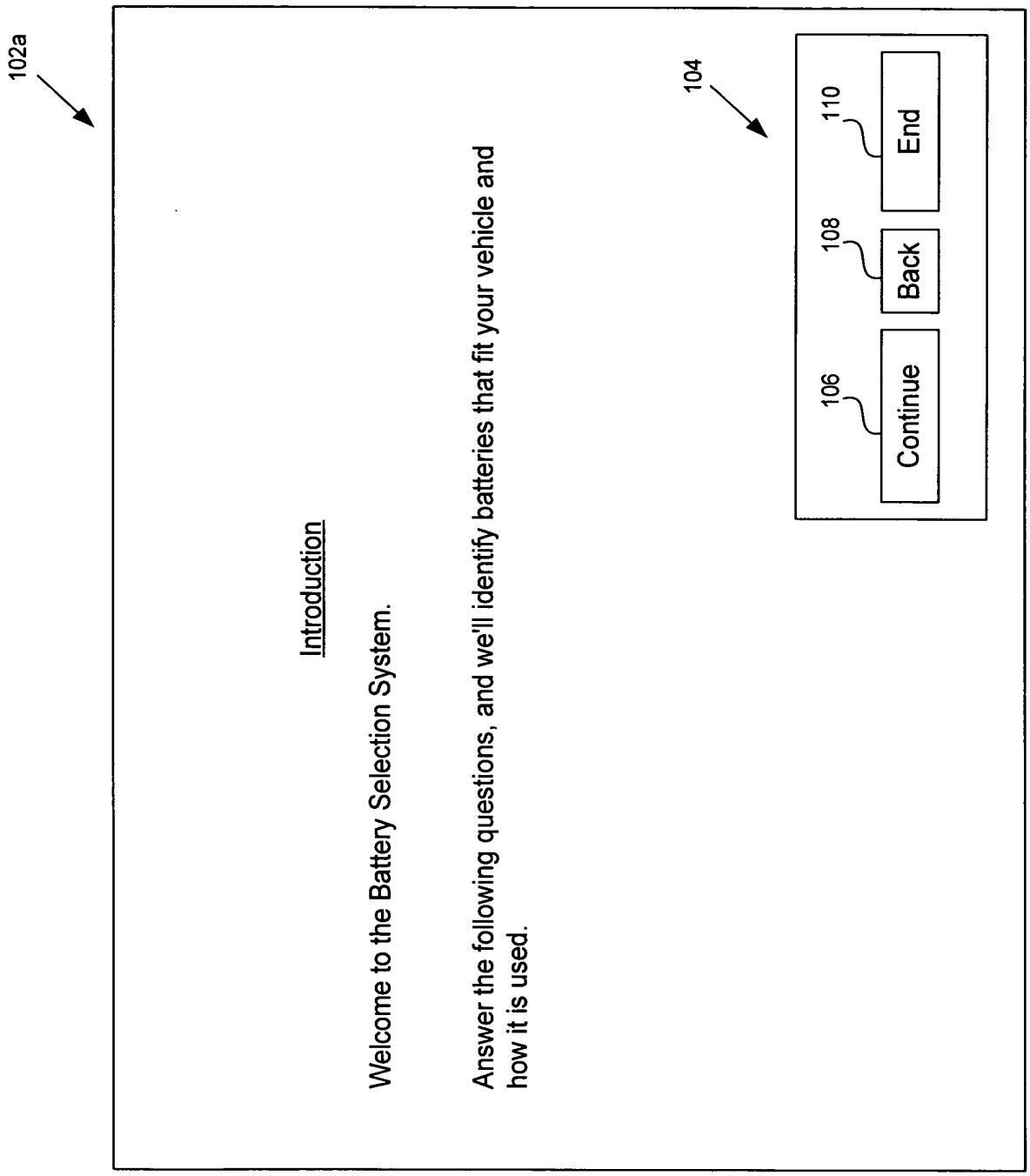
102a
104
Introduction
Welcome to the Battery Selection System.
Answer the following questions, and we'll identify batteries that fit your vehicle and how it is used.
106
Continue
108
Back
110
End

FIG. 4A

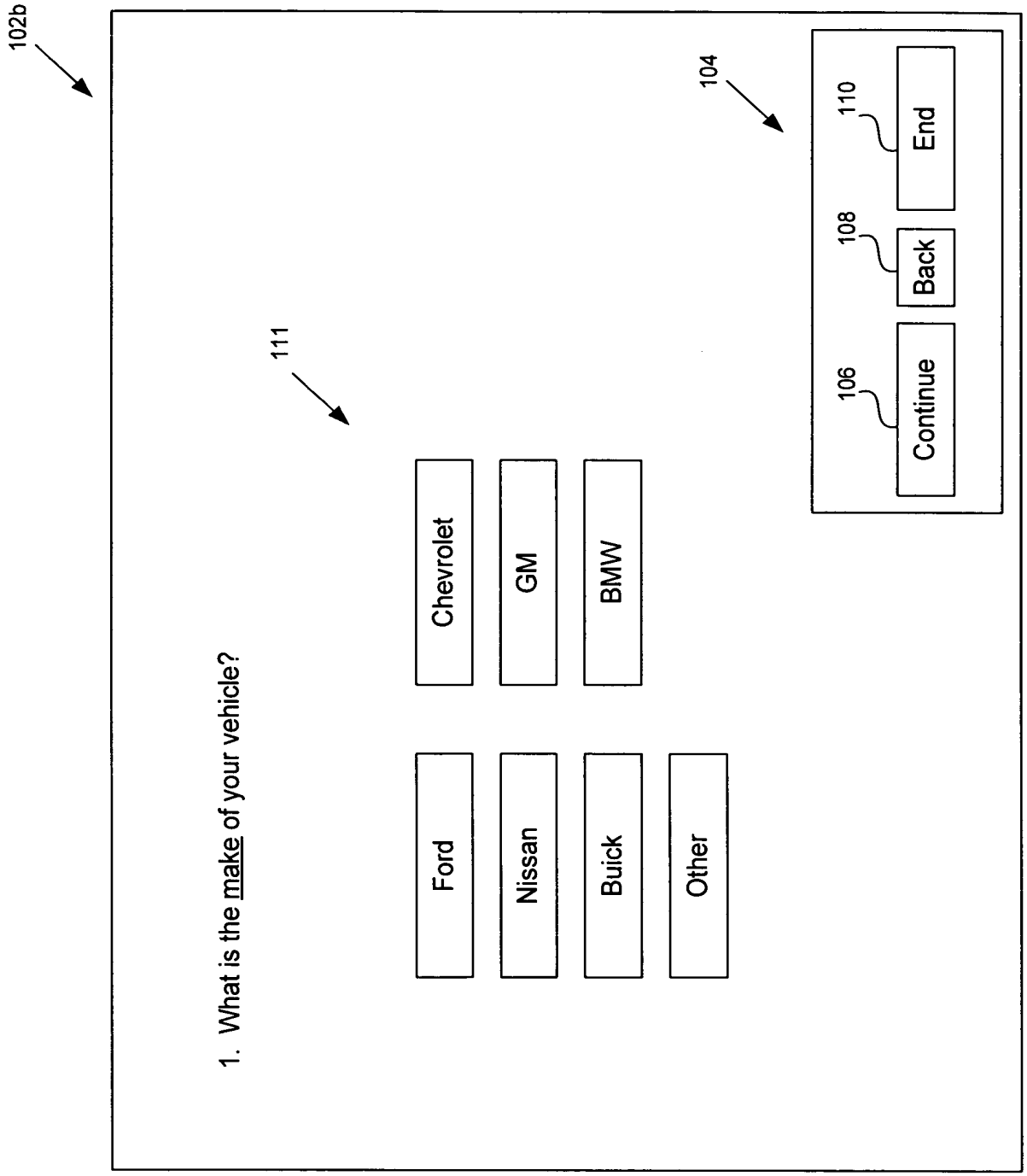
102b
104
110
End
108
Back
106
Continue
111
1. What is the make of your vehicle?
Chevrolet
GM
BMW
Ford
Nissan
Buick
Other

FIG. 4B

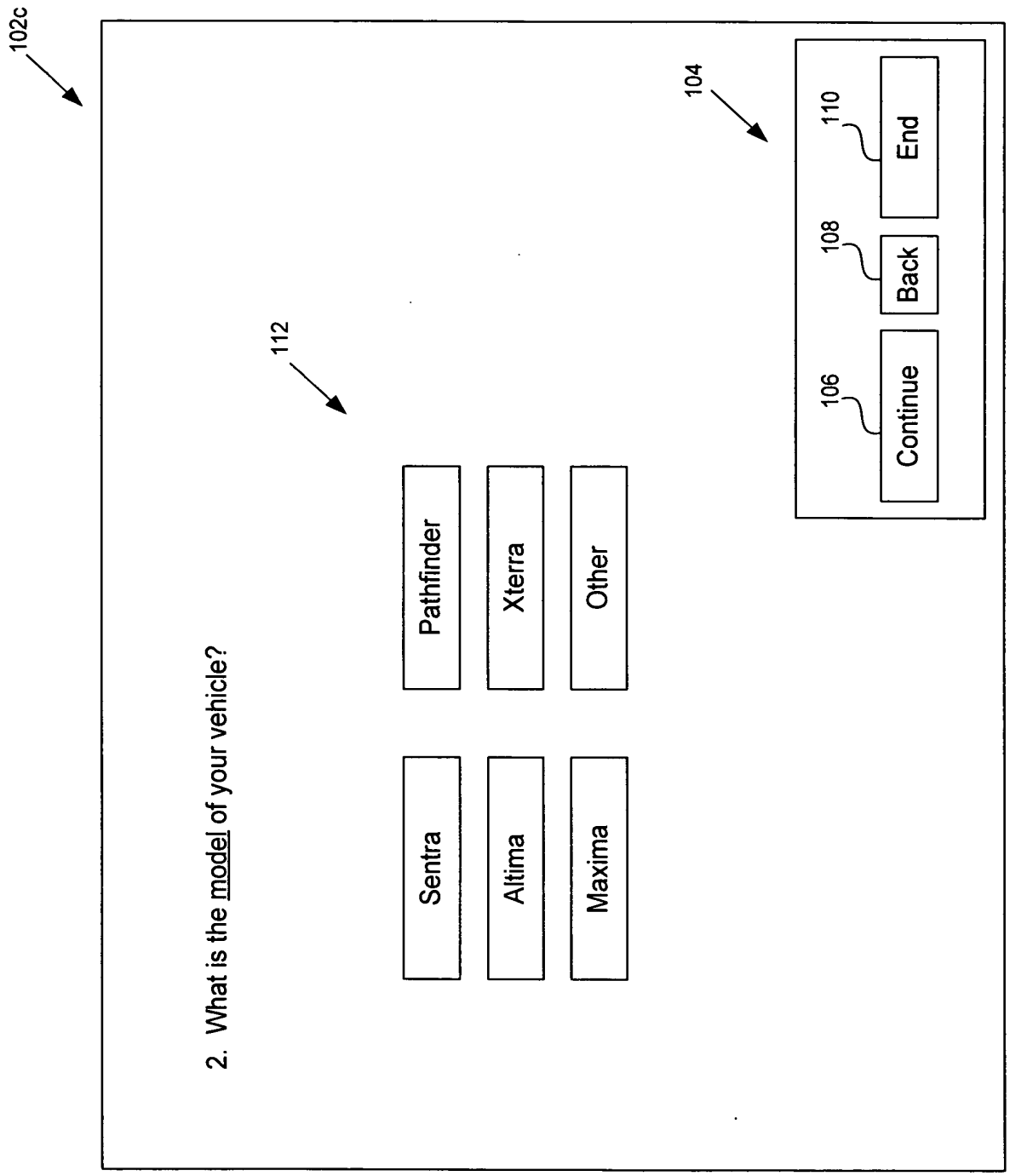
102c
104
110
End
108
Back
106
Continue
112
Pathfinder
Xterra
Other
Sentra
Altima
Maxima
2. What is the model of your vehicle?

FIG. 4C

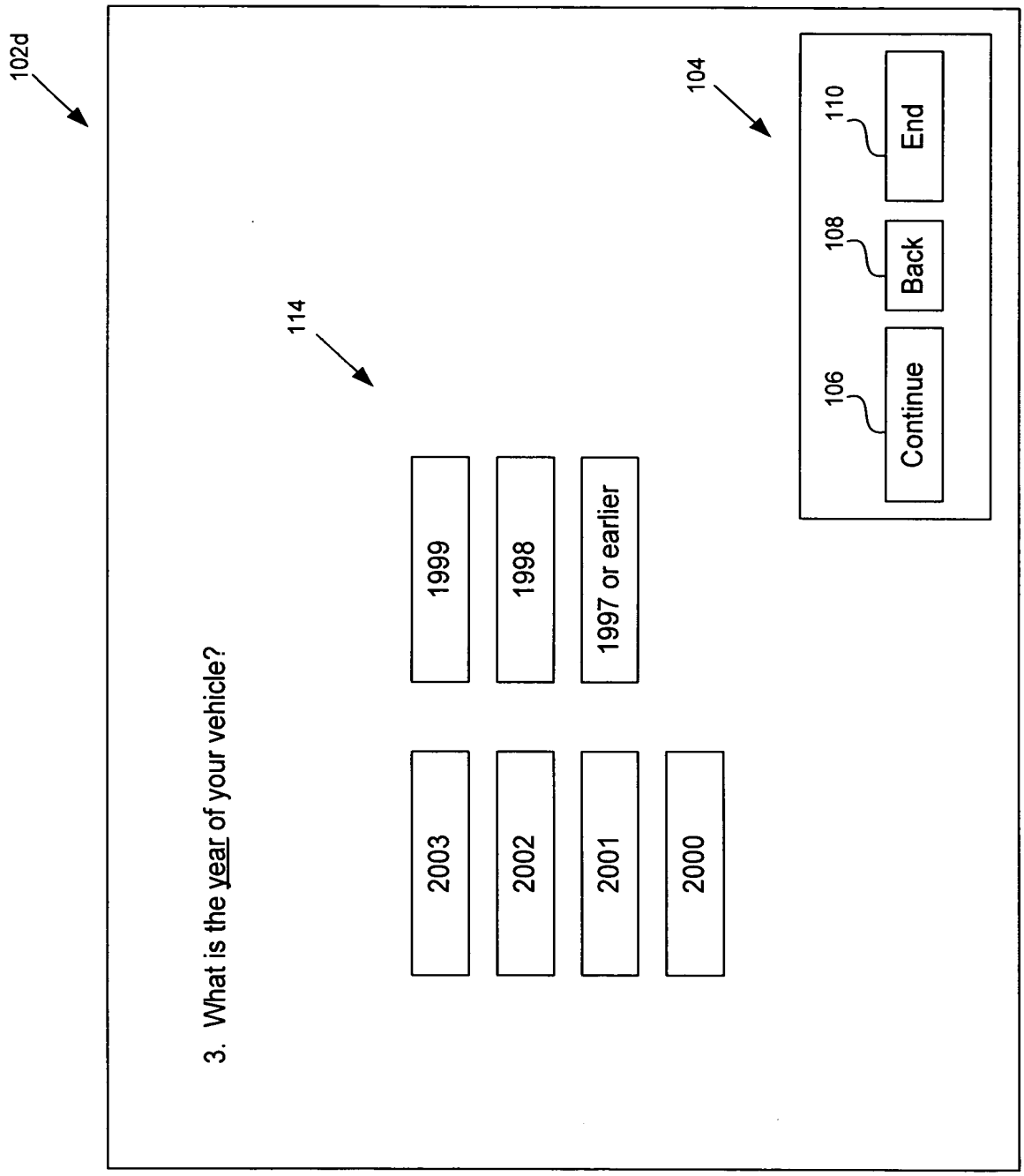
102d
104
110
End
108
Back
106
Continue
114
1999
1998
1997 or earlier
2003
2002
2001
2000
3. What is the year of your vehicle?

FIG. 4D

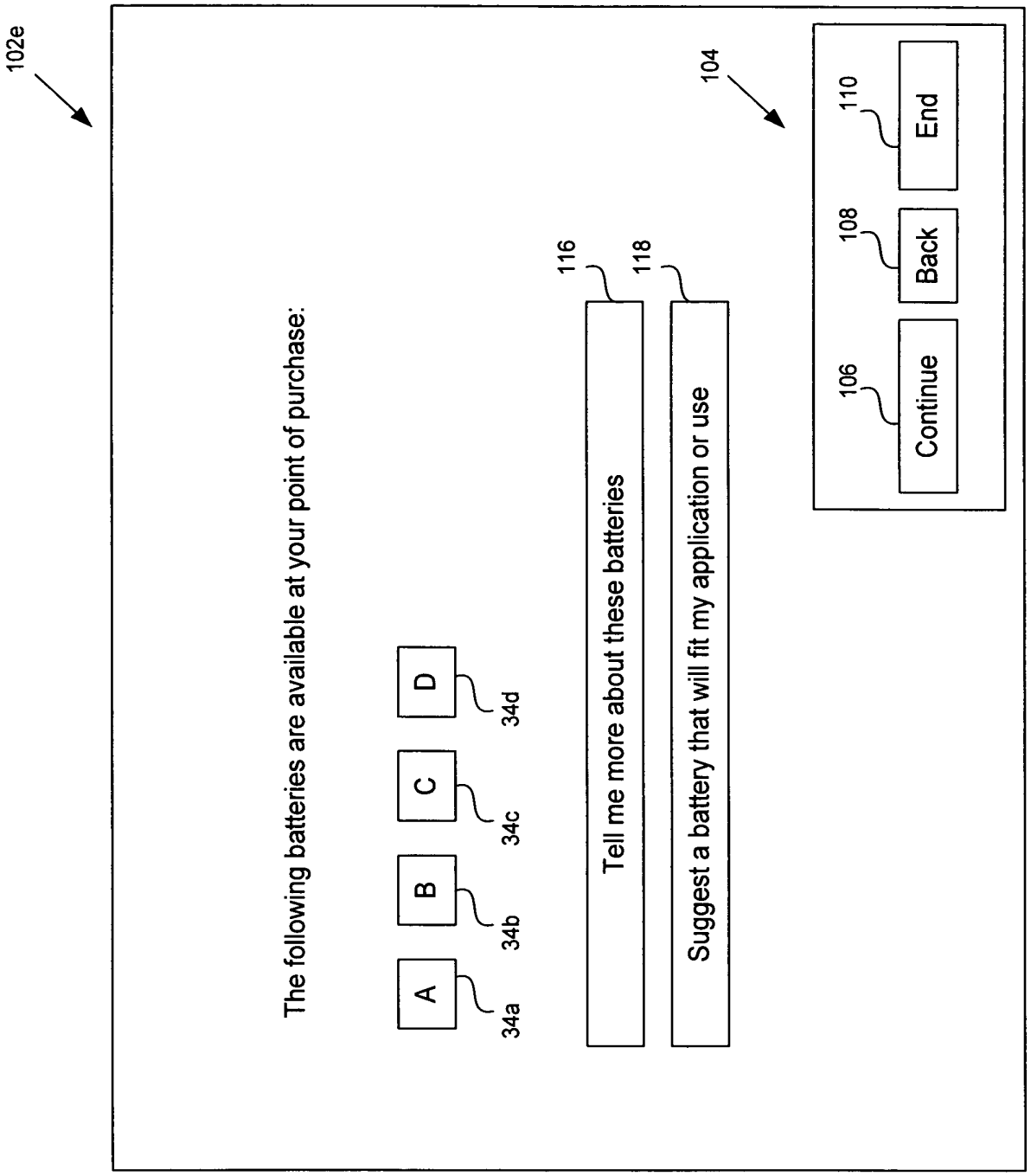
102e
The following batteries are available at your point of purchase:
A
B
C
D
34a
34b
34c
34d
116
Tell me more about these batteries
118
Suggest a battery that will fit my application or use
104
106
Continue
108
Back
110
End

FIG. 4E

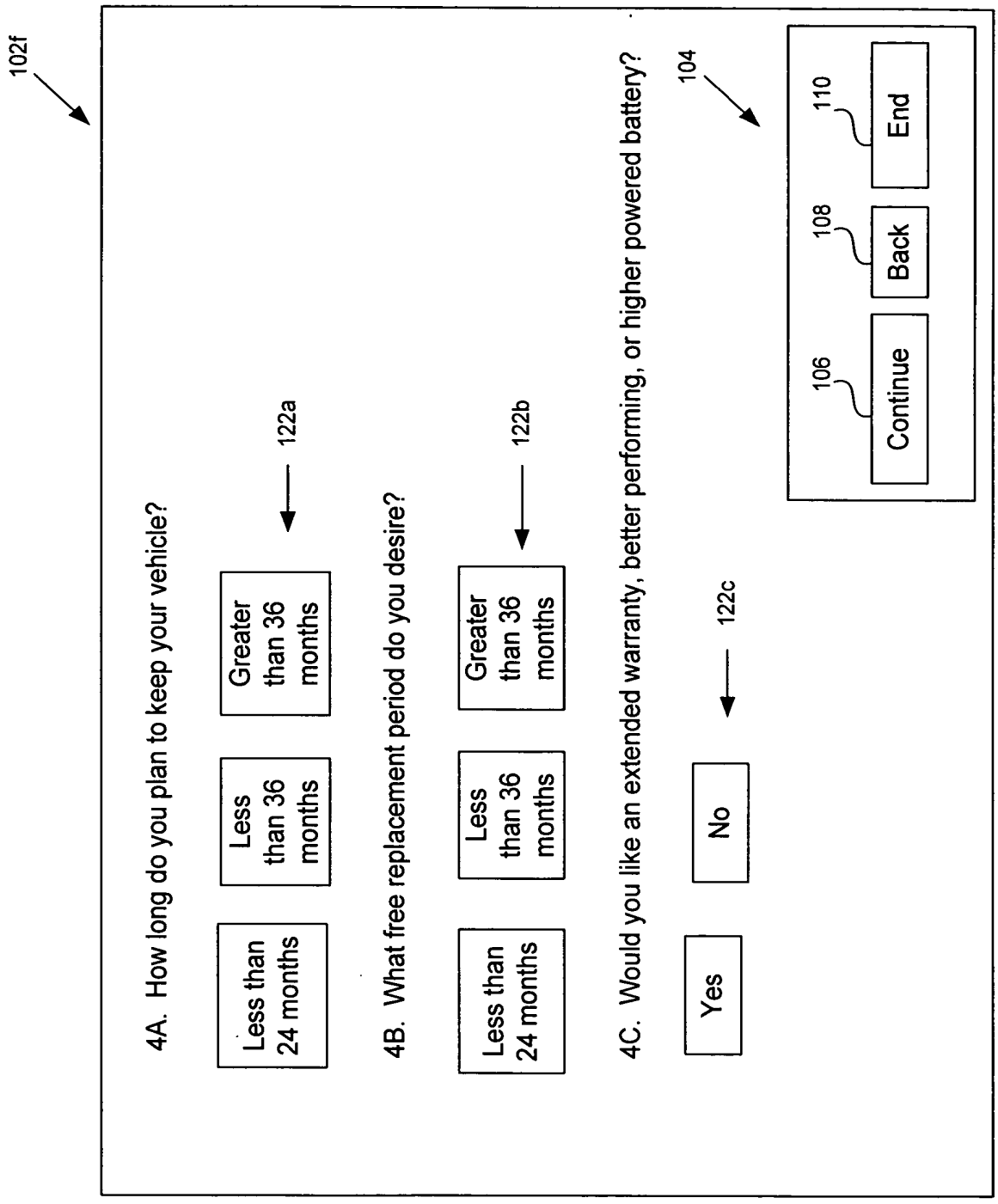
102f
4A. How long do you plan to keep your vehicle?
Less than 24 months
Less than 36 months
Greater than 36 months
122a
4B. What free replacement period do you desire?
Less than 24 months
Less than 36 months
Greater than 36 months
122b
4C. Would you like an extended warranty, better performing, or higher powered battery?
Yes
No
122c
104
106
Continue
108
Back
110
End

FIG. 4F

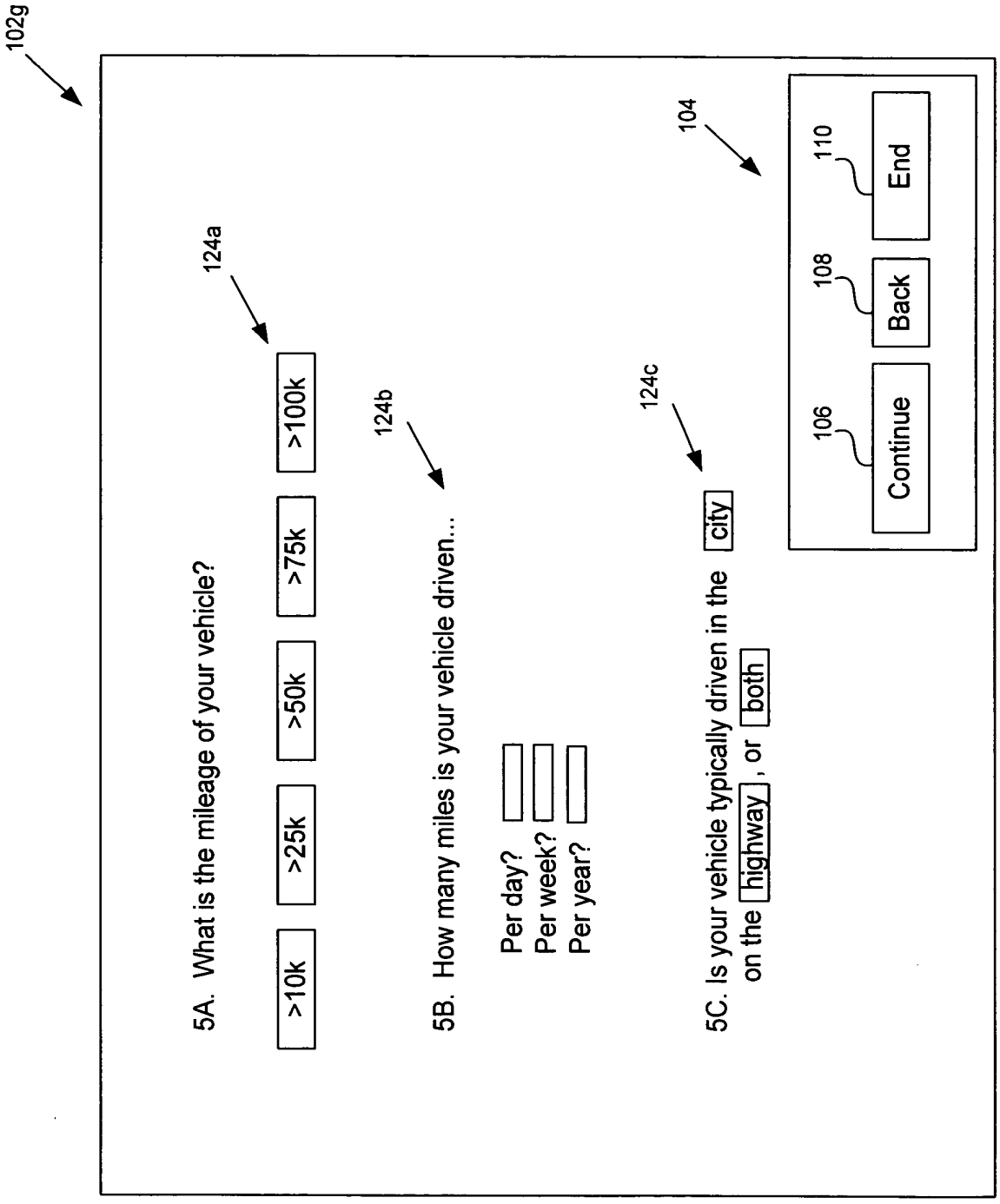
102g
5A. What is the mileage of your vehicle?
124a
>10k
>25k
>50k
>75k
>100k
5B. How many miles is your vehicle driven...
124b
Per day?
Per week?
Per year?
5C. Is your vehicle typically driven in the city on the highway, or both
124c
104
106
Continue
108
Back
110
End

FIG. 4G

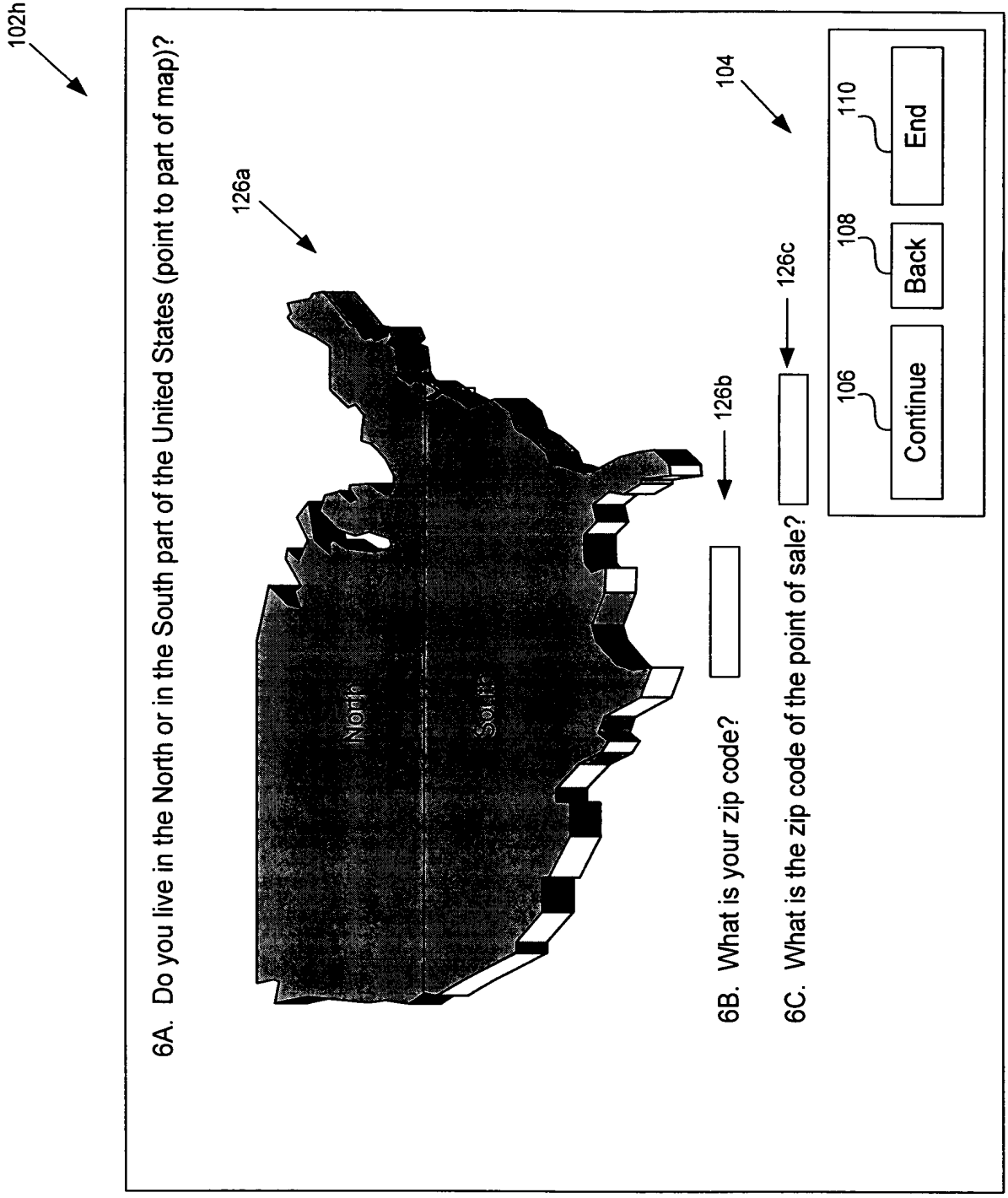
102h
6A. Do you live in the North or in the South part of the United States (point to part of map)?
126a
North
South
104
6B. What is your zip code?
126b
6C. What is the zip code of the point of sale?
126c
106
Continue
108
Back
110
End

FIG. 4H

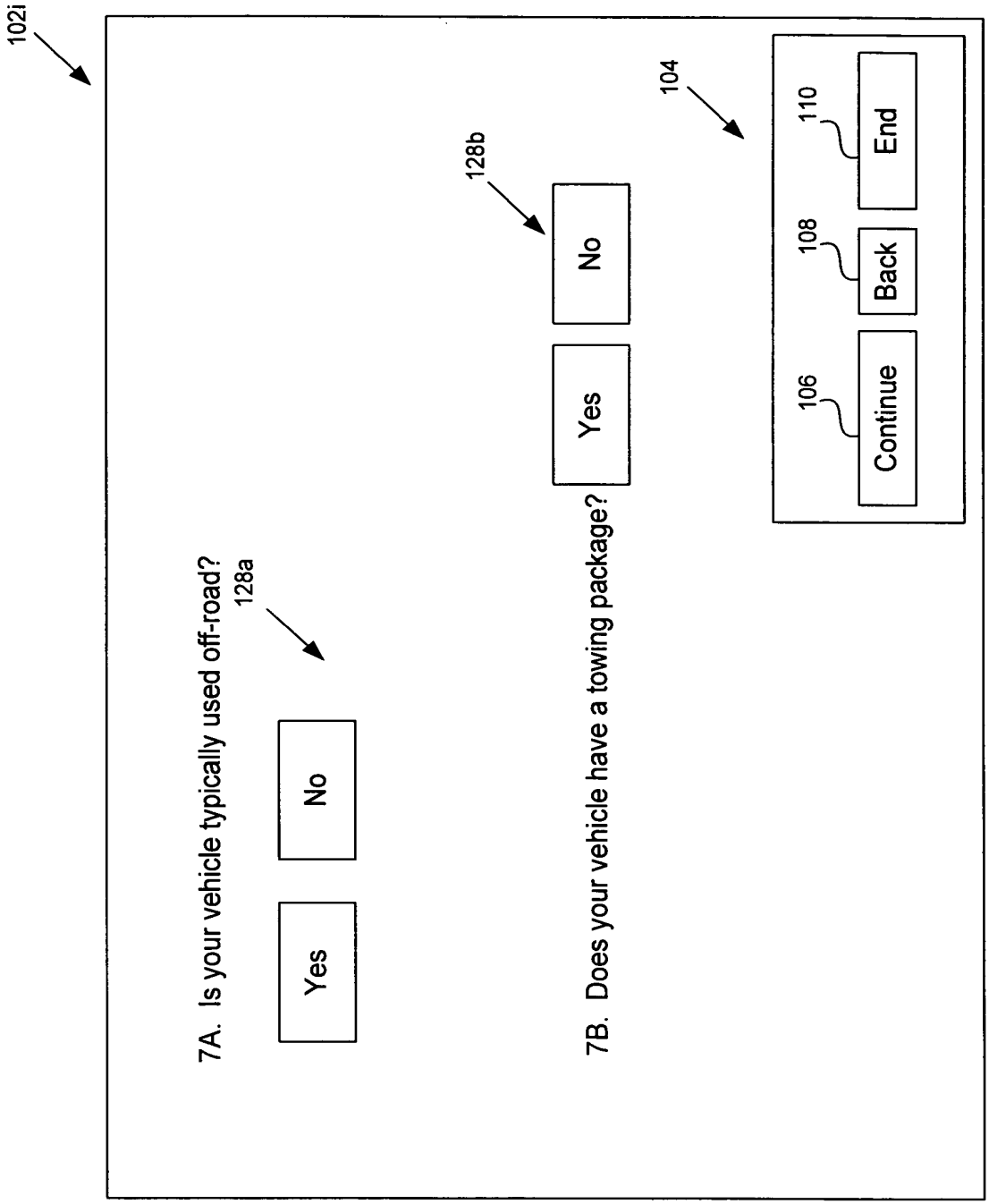
102i
7A. Is your vehicle typically used off-road?
128a
Yes
No
7B. Does your vehicle have a towing package?
128b
Yes
No
104
106
Continue
108
Back
110
End

FIG. 4I

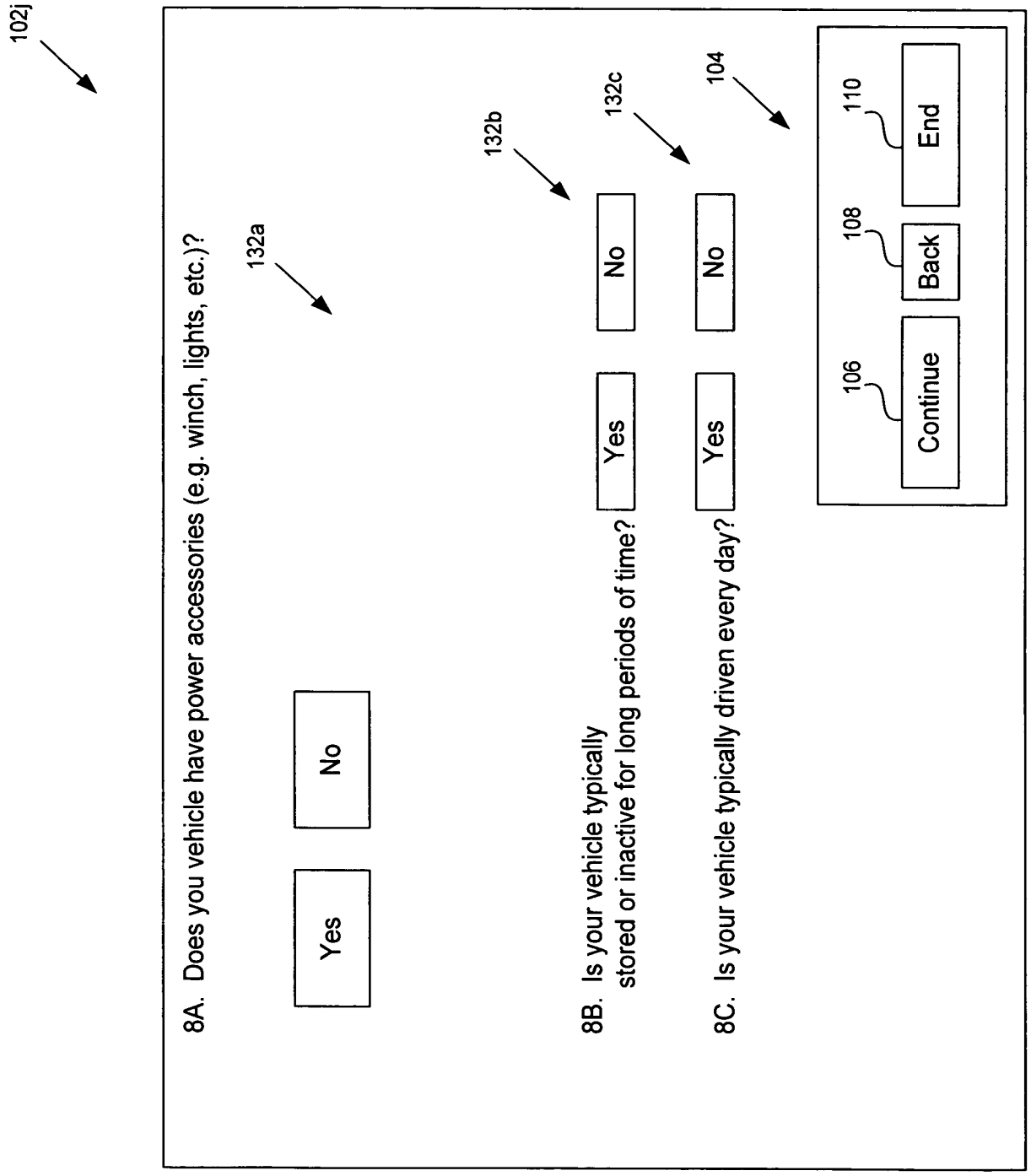
102j
8A. Does you vehicle have power accessories (e.g. winch, lights, etc.)?
132a
Yes
No
8B. Is your vehicle typically stored or inactive for long periods of time?
132b
Yes
No
8C. Is your vehicle typically driven every day?
132c
Yes
No
104
106
Continue
108
Back
110
End

FIG. 4J

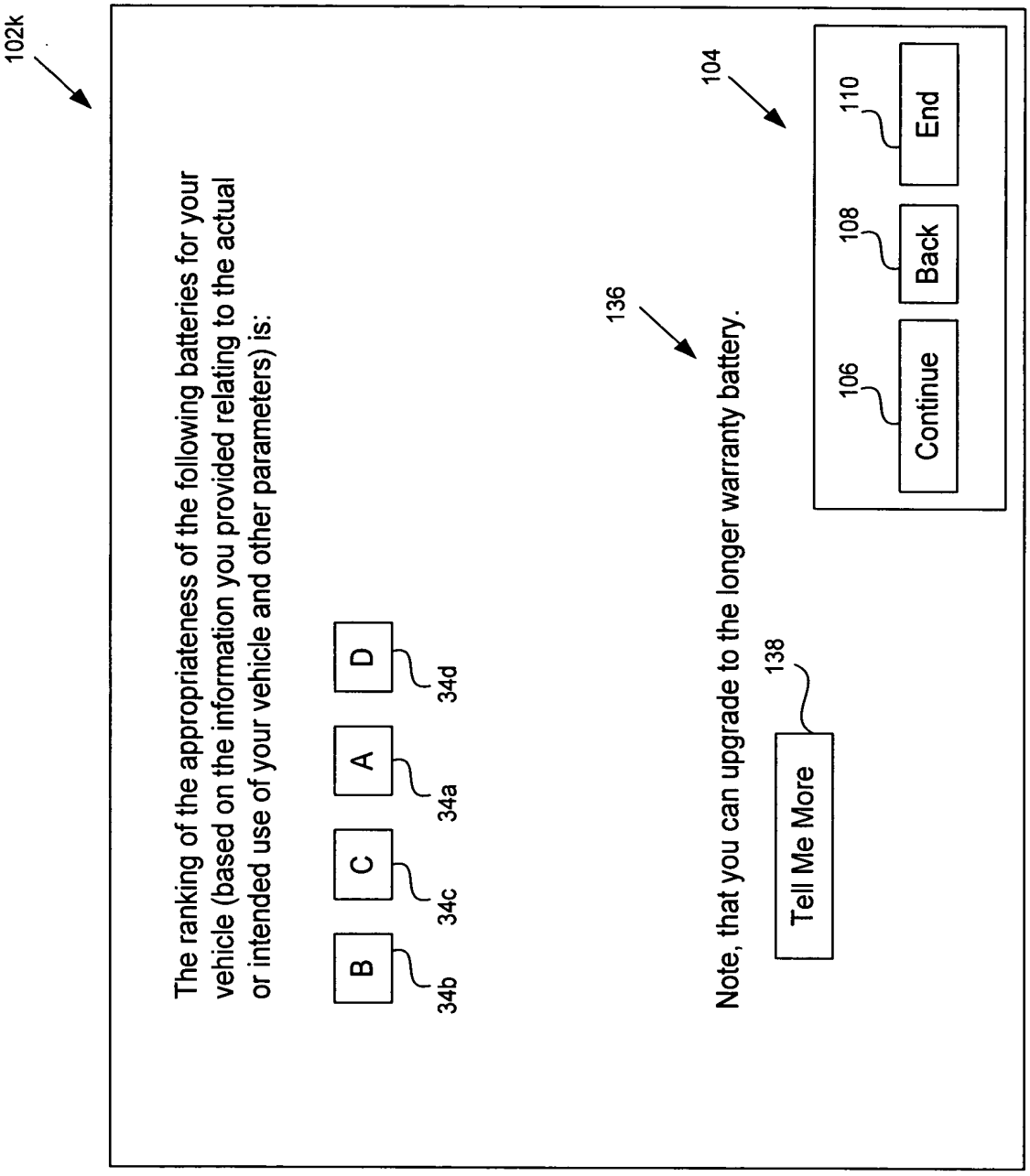
102k
The ranking of the appropriateness of the following batteries for your vehicle (based on the information you provided relating to the actual or intended use of your vehicle and other parameters) is:
B
C
A
D
34b
34c
34a
34d
136
Note, that you can upgrade to the longer warranty battery.
138
Tell Me More
104
106
Continue
108
Back
110
End

FIG. 4K